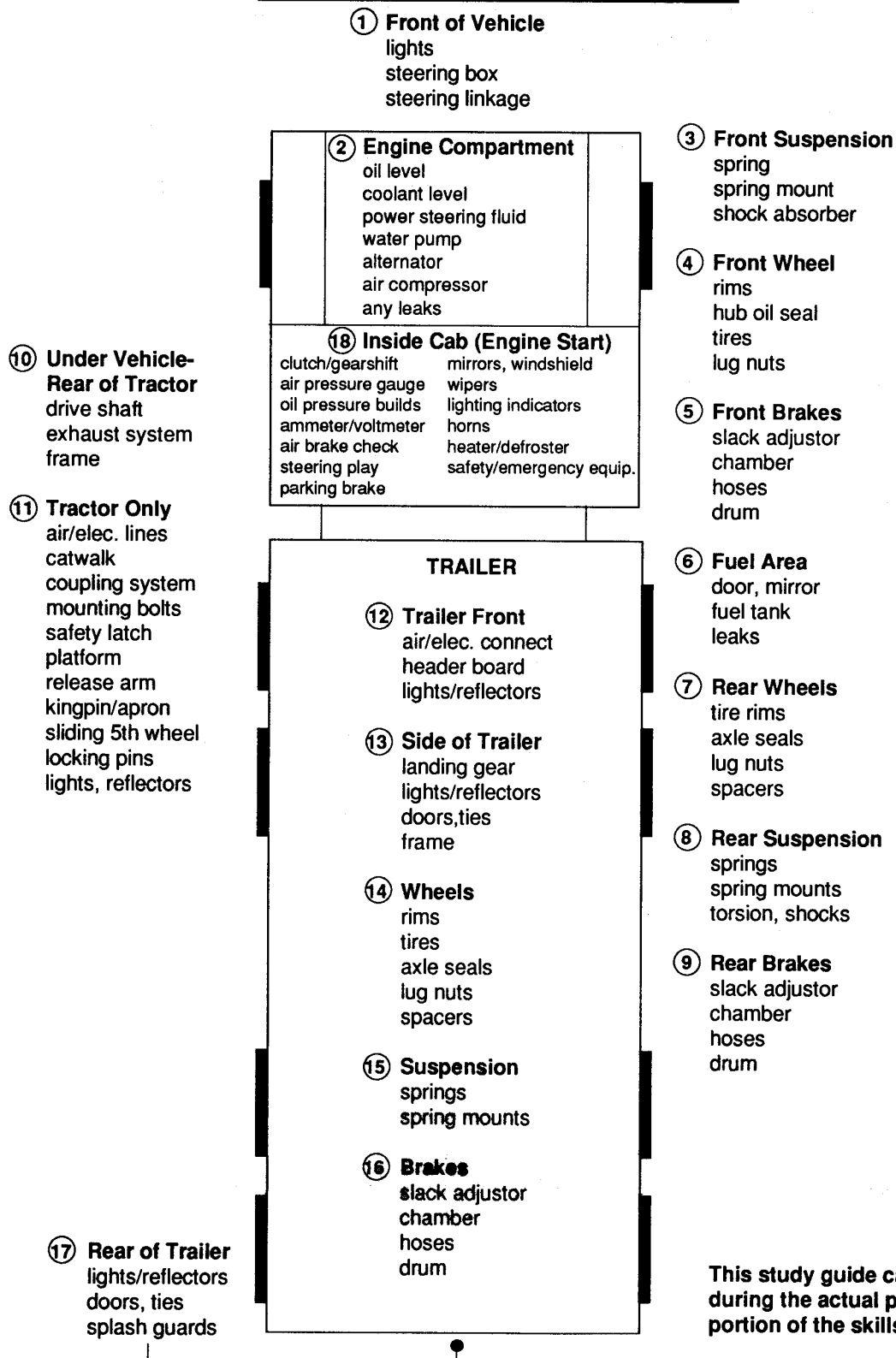


Vehicle Inspection Study Guide

TRACTOR TRAILER

DL140

During the actual test, you will be expected to point to each of the parts of your vehicle listed below. Name the part and explain what damage or problems you might find with it. The types of damage or problems are listed in the vehicle inspection section of the CDL Manual. Begin the inspection at area ① on the curb (right) side of the vehicle. Follow the numeric order provided below to the rear of the vehicle, ending with area ⑱.



This study guide cannot be used during the actual pre-trip inspection portion of the skills test.

AIR BRAKE TEST

(Failure to perform the air brake check during the engine start procedures results in an automatic fail.)

Build air pressure up to 100-120 psi, cut engine off and release all brakes.

1. Press down hard on foot brake and hold down for one minute.
 - a.) On combination vehicles, air pressure should not drop over 4 psi.
 - b.) On single vehicles, air pressure should not drop over 3 psi.

Turn ignition key on and continue

2. With foot brake, pump air pressure down. At around 60 psi, the "Low Air " buzzer should sound . On older models, a "Wig-Wam" arm will fall in view of the driver.
3. Keep pumping air down with foot brake. At about 40 psi, the tractor parking brake knob and the trailer parking brake knob should pop out.

PARKING BRAKE TEST

Set the parking brake. Put in lower gear and gently release clutch until you feel the tractor pulling against the brake. Tractor should not move.

Two backing maneuvers will be required during the basic skills test. You will be graded on:

- using your horns or flashers,
- checking your mirrors and traffic,
- staying within the path, and
- number of times that you attempt the maneuver.

You can not continue with the road test if you fail to successfully complete the two backing maneuvers.